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## THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David Pehlke et al. )  
Serial No.: 09/759,739 )  
Filing Date: January 12, 2001 )  
Docket No.: P12447/8194-443 )  
Title: APPARATUS AND METHODS FOR )  
MONITORING AND CONTROLLING )  
POWER AMPLIFIER LINEARITY )  
USING DETECTED FUNDAMENTAL )  
AND HARMONIC COMPONENTS )

Examiner: Simon Nguyen  
Art Unit: 2685  
Confirmation No.: 9747

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Technology Center 2600

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 8, 2004.

*Candi L. Riggs*  
Candi L. Riggs

Sir:

**AMENDMENT PURSUANT TO 37 C.F.R. §1.115 AND**  
**RESPONSE PURSUANT TO 37 C.F.R. §1.111**

This paper is being filed in response to the Office Action mailed April 15, 2004, having a reply due date of July 15, 2004 (hereinafter "Office Action"). Reconsideration and reexamination are respectfully requested in light of the amendments and remarks below.

It is not believed that any fee(s), including fees for additional claims, are required, beyond those that may otherwise be provided for in documents accompanying this paper. In the event, however, that additional fees are necessary to allow consideration of this paper, such an extension is also hereby petitioned for under 37 C.F.R. §1.136(a). Any additional fees believed to be due in connection with this paper may be charged to our Deposit Account No. 50-0220.

**Amendments** to the claims are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/arguments** begin on page 10 of this paper.